Docket No.: 198P00944USWO

Pending Claims

A complete list of all claims under examination is set out below. Please amend claims 11, 16, 22, 23, 25, 26, 28, 31, 32, 50, 51 and 52 as indicated below. Claims 1-10, 17, 19-21, 34, and 36-49 are cancelled.

1 - 10. (cancelled).

11. (currently amended) The compound of claim 50 having of the formula:

$$R_{11}$$
 R_{29}
 R_{11}
 R_{20}
 R_{20}
 R_{21}
 R_{22}
 R_{23}
 R_{24}
 R_{25}
 R_{25}
 R_{3}
 R_{11}
 R_{11}
 R_{23}
 R_{24}
 R_{11}

wherein

 $R_{11} \text{ is } C_5\text{-}C_{18} \text{ alkyl}, C_5\text{-}C_{18} \text{ alkenyl}, C_5\text{-}C_{18} \text{ alkynyl}, C_5\text{-}C_{18} \text{ alkoxy}, C_1\text{-}C_{10} \text{ alkyl}(C_5\text{-}C_6 \text{ aryl}) \\ R_{20}, C_1\text{-}C_{10} \text{ alkyl}(C_5\text{-}C_6 \text{ heteroaryl}) \\ R_{20}, C_1\text{-}C_{10} \text{ alkyl}(C_5\text{-}C_6 \text{ cycloalkyl}) \\ R_{20}, C_1\text{-}C_{10} \text{ alkoxy}(C_5\text{-}C_6 \text{ aryl}) \\ R_{20}, C_1\text{-}C_{10} \text{ alkoxy}(C_5\text{-}C_6 \text{ heteroaryl}) \\ R_{20} \text{ or } C_1\text{-}C_{10} \text{ alkoxy}(C_5\text{-}C_6 \text{ cycloalkyl}) \\ R_{20};$

wherein R_{20} is H or C_1 - C_{10} alkyl;

p and q are integers independently ranging from 1 to 10;

 R_{29} is H, halo, C_1 - C_{12} alkyl, C_{24} - C_{12} alkenyl, C_{24} - C_{12} alkynyl, or C_1 - C_{12} alkoxy,;

 R_7 and R_8 are independently O, S, CR_{26} , CHR_{26} , NR_{26} , or N;

wherein R_{26} is H, F or C_1 - C_4 alkyl;

R₂₅ is CH;

 R_3 is C_1 - C_4 alkyl, $(C_1$ - C_4 alkyl)OH, or $(C_1$ - C_4 alkyl)NH₂;

R₁₅ is

Docket No.: 198P00944USWO

$$-X - P \xrightarrow{R_{12}} R_{30}$$

wherein R_{12} is O or S;

X is O, S, CH₂, CHOH, CHF, CF₂, or -C-;

 R_{30} and R_{31} are independently C_1 - C_2 alkoxy,

 R_{23} is H, F, OH, C_1 - C_4 alkyl, CO_2H or $(C_1$ - C_4 alkyl)OH;

 R_{24} is H, F, C_1 - C_4 alkyl or PO_3H_2 ; or

 R_{23} together with R_{24} and the carbon to which they are attached form a carbonyl group; and

y and m are integers independently ranging from 0 to 4; or a pharmaceutically acceptable salt or tautomer thereof.

Docket No.: 198P00944USWO

12. (previously presented) The compound of claim 11 wherein

m is 0;

y is 0 or 1;

R₂₃ and R₂₄ are independently H or F.

13. (previously presented) The compound of claim 11 wherein R_3 is C_1 - C_3 alkyl or (C_1 - C_4 alkyl)OH; and

R₈ is CH.

14. (previously presented) The compound of claim 12 wherein

 R_{11} is C_5 - C_{18} alkyl, C_5 - C_{18} alkenyl, C_5 - C_{18} alkynyl, or C_5 - C_{18} alkoxy and

R₂₉ is H, halo or C₁-C₁₂ alkyl; or

a pharmaceutically acceptable salt or tautomer thereof.

15. (previously presented) The compound of claim 12 wherein

y is 0; and

R₁₅ is represented by the structure

$$-X - P < R_{30}$$

$$R_{31}$$

wherein X is CH_2 , CHOH, CHF, CF_2 , or C

16. (currently amended) The compound of claim 50 of 12 having the formula:

Docket No.: 198P00944USWO

$$\begin{array}{c|c} H \\ N \\ \hline \\ R_{11} \\ \hline \\ NH_{2} \\ R_{3} \\ \end{array}$$

or

$$R_{11} \xrightarrow{\begin{array}{c} H \\ N \\ \end{array}} (CH_2) R_{15}$$

$$R_3 \xrightarrow{\begin{array}{c} NH_2 \\ \end{array}} NH_2$$

wherein R_{11} is C_5 - C_{18} alkyl or C_5 - C_{18} alkenyl; and R_8 is N, \overline{CH} or S;

or a pharmaceutically acceptable salt or tautomer thereof.

- 17. (cancelled)
- 18. (previously presented) The compound of claim 16 wherein R_{11} is C_5 - C_9 alkyl; R_{15} is

$$-X-P$$
 R_{30}
 R_{31}

wherein X is O, CH₂ or CHF;

 R_{30} and R_{31} are independently

$$0 \longrightarrow 0$$
 , $0 \longrightarrow 0$

Docket No.: 198P00944USWO

$$\underset{H}{\overset{O}{\bigvee}} \underset{Or}{\overset{N}{\bigvee}} \underset{O}{\overset{O}{\bigvee}} ;$$

and R₃ is CH₃.

19. - 21. (cancelled)

22. (currently amended) The compound of claim 51 having of the formula:

23. (currently amended) The compound of claim 22 wherein R_3 is C_1 - C_4 alkyl or (C_1 - C_4 alkyl)OH;

R₈ is O, S, CR₂₆ or N;

R₂₃ is and R₂₆ are independently H or F; and

R₁₅ is represented by the structure

$$-x-P \stackrel{O}{\longleftarrow}_{R_{31}}^{R_{30}},$$
 wherein X is O, CH₂, CHOH, CHF, CF₂ or $\stackrel{O}{\longleftarrow}_{C}$

- 24. (previously presented) The compound of claim 53 wherein X is O.
- 25. (currently amended) The compound of elaim 24 claim 53 wherein X is CH₂, CHF or CF₂.

Docket No.: 198P00944USWO

26. (currently amended) The compound of elaim 24 $\underline{\text{claim } 53}$ wherein R_{30} and R_{31} are the same and are

$$0 \longrightarrow 0 \longrightarrow 0 \longrightarrow 0 \longrightarrow 0$$

$$N \longrightarrow 0 \longrightarrow 0 \longrightarrow 0$$

$$N \longrightarrow 0 \longrightarrow 0 \longrightarrow 0$$

$$N \longrightarrow 0 \longrightarrow 0$$

$$N \longrightarrow 0 \longrightarrow 0$$

$$N \longrightarrow 0$$

- 27. (original) The compound of claim 25 wherein R₈ is N.
- 28. (currently amended) The compound of <u>claim 25 elaim 24 having of</u> the formula:

wherein R_{11} is H, C_5 - C_{18} alkyl, C_5 - C_{18} alkenyl, C_5 - C_{18} alkynyl, or C_5 - C_{18} alkoxy; R_3 is CH_3 ; and R_{29} is H, C_1 - C_4 alkyl.

- 29. (previously presented) The compound of claim 28 wherein R_{11} is C_5 - C_{18} alkyl, or C_5 - C_{18} alkenyl; and R_{29} H, or C_1 - C_4 alkyl.
- 30. (previously presented) The compound of claim 28 wherein R_{11} is C_5 - C_{18} alkyl or C_5 - C_{18} alkenyl; and R_{29} is H.

Docket No.: 198P00944USWO

31. (currently amended) A pharmaceutical composition comprising a compound having of the formula:

$$R_{29}$$
 (CH₂)_m R_{7} R_{8} (CH₂)_y CR_{15} R_{11} R_{11} R_{11} R_{12} R_{13}

wherein

 $R_{11} \text{ is } C_5\text{-}C_{18} \text{ alkyl}, C_5\text{-}C_{18} \text{ alkenyl}, C_5\text{-}C_{18} \text{ alkynyl}, C_5\text{-}C_{18} \text{ alkoxy}, C_1\text{-}C_{10} \text{ alkyl}(C_5\text{-}C_{10} \text{ alkoxy}(C_5\text{-}C_{10} \text{ alkoxy}(C_5\text{-}$

wherein R_{20} is H or C_1 - C_{10} alkyl;

 R_{29} is H, halo, C_1 - C_{12} alkyl, C_2 - C_{12} alkenyl, C_2 - C_{12} alkynyl, or C_1 - C_{12} alkoxy;

 R_3 is H, C_1 - C_6 alkyl, $(C_1$ - C_4 alkyl)OH, or $(C_1$ - C_4 alkyl)NH₂;

R₂₃ is H, F, CO₂H, OH, C₁-C₆ alkyl, (C₁-C₄ alkyl)OH, or (C₁-C₄ alkyl)NH₂;

R₂₄ is H, F or PO₃H₂; or

 R_{23} together with R_{24} and the carbon to which they are attached form a carbonyl group;

 R_7 and R_8 are independently O, S, CHR₂₆, CR₂₆, NR₂₆, or N;

R₂₅ is CR₂₆;

wherein R_{26} is H, F or C_1 - C_4 alkyl;

 R_{15} is

$$-X - P \xrightarrow{R_{30}} R_{30} \qquad \text{or} \qquad \begin{array}{c} R_{30} \parallel & R_{31} \\ P & & \\ R_{31} \parallel & R_{30} \\ \end{array}$$

Docket No.: 198P00944USWO

wherein R_{12} is O, NH or S;

X is O, NH, S, CH₂, CHOH, CHF, CF₂, or $\overset{\text{O}}{-}\text{C}^-$; and each R₃₀ is independently and each R₃₁ is independently C₁-C₂ alkoxy,

y and m are integers independently ranging from 0 to 4; p and q are integers independently ranging from 1 to 10; or a pharmaceutically acceptable salt or tautomer thereof; and a pharmaceutically acceptable carrier.

32. (currently amended) The composition of claim 31 wherein the comprising a compound has of the formula:

Docket No.: 198P00944USWO

$$R_{11}$$
 Q
 CHR_{15}
 R_{3}
 NH_{2}

wherein R_{11} is C_5 - C_{18} alkyl, C_5 - C_{18} alkenyl, C_5 - C_{18} alkynyl, or C_5 - C_{18} alkoxy; wherein p and q are integers independently ranging from 1 to 10; Q is

$$R_8$$

wherein R₇ and R₈ are independently O, S, CR₂₆, CHR₂₆, NR₂₆, or N;

R₂₅ is CR₂₆; and

R₂₆ is H, F or C₁-C₄ alkyl;

R₃ is H, C₁-C₄ alkyl or (C₁-C₄ alkyl)OH;

 R_{23} is H, F or C_1 - C_4 alkyl; and

R₁₅ is represented by the structure

$$-X - P \xrightarrow{R_{12} R_{30}} R_{31}$$

wherein R_{12} is O or S;

X is O, S,
$$CH_2$$
, $CHOH$, CHF , CF_2 , or $-C-$;

 R_{30} and R_{31} are independently $C_1\text{-}C_2$ alkoxy,

Docket No.: 198P00944USWO

or a pharmaceutically acceptable salt or tautomer thereof; and a pharmaceutically acceptable carrier.

33. (previously presented) The composition of claim 32 wherein R_{23} is H or F; and R_{15} is

$$-X - P \xrightarrow{Q} R_{30}$$

$$-X - P \xrightarrow{R_{31}} R_{31};$$
wherein X is O, CH₂, CHOH, CHF, CF₂, or $-C$.

34. (cancelled).

35. (currently amended) The composition of $\underline{\text{claim } 54}$ elaim 53 wherein X is CH₂, CF₂ or CHF; and R₃₀ and R₃₁ are independently C₁-C₂ alkoxy,

Docket No.: 198P00944USWO

36. - 49. (cancelled)

50. (currently amended) A compound having of the formula:

$$R_{11}$$
 R_{29}
 R_{11}
 R_{29}
 R_{20}
 R_{20}
 R_{23}
 R_{24}
 R_{25}
 R_{25}
 R_{25}
 R_{25}
 R_{25}
 R_{25}
 R_{25}
 R_{25}

wherein

 $R_{11} \text{ is } C_5\text{-}C_{18} \text{ alkyl, } C_5\text{-}C_{18} \text{ alkenyl, } C_5\text{-}C_{18} \text{ alkynyl, } C_5\text{-}C_{18} \text{ alkoxy, } C_1\text{-}C_{10} \text{ alkyl}(C_5\text{-}C_{10} \text{ alkoxy}(C_5\text{-}C_{10} \text{ alkoxy}(C_5$

wherein R_{20} is H or C_1 - C_{10} alkyl;

R₂₉ is H, halo, C₁-C₁₂ alkyl, C₂-C₁₂ alkenyl, C₂-C₁₂ alkynyl, or C₁-C₁₂ alkoxy;

 R_3 is H, C_1 - C_6 alkyl, $(C_1$ - C_4 alkyl)OH, or $(C_1$ - C_4 alkyl)NH₂;

 R_{23} is H, F, CO_2H , OH, C_1 - C_6 alkyl, $(C_1$ - C_4 alkyl)OH, or $(C_1$ - C_4 alkyl)NH₂;

 R_{24} is H, F, C_1 - C_4 alkyl, or PO_3H_2 ; or

 R_{23} together with R_{24} and the carbon to which they are attached form a carbonyl group;

R₇ and R₈ are independently O, S, CHR₂₆, CR₂₆, NR₂₆, or N;

R₂₅ is CR₂₆;

Docket No.: 198P00944USWO

wherein R_{26} is H, F or C_1 - C_4 alkyl;

R₁₅ is

$$-X$$
 R_{30}
 R_{31}
 R_{30}
 R_{31}
 R_{31}
 R_{31}
 R_{31}
 R_{31}
 R_{30}
 R_{31}
 R_{31}
 R_{30}
 R_{31}

wherein R_{12} is O, NH or S;

X is O, NH, S, CH₂, CHOH, CHF, CF₂, or $-C^-$; and each R₃₀ is independently and each R₃₁ is independently C₁-C₂ alkoxy,

y and m are integers independently ranging from 0 to 4; p and q are integers independently ranging from 1 to 10; or a pharmaceutically acceptable salt or tautomer thereof.

Docket No.: 198P00944USWO

51. (currently amended) The compound of claim 50 having of the formula

$$R_{29}$$
 CH_{2}
 R_{11}
 CH_{2}
 R_{3}
 R_{15}

wherein R_{11} is C_5 - C_{18} alkyl, C_5 - C_{18} alkenyl, C_5 - C_{18} alkynyl, or C_5 - C_{18} alkoxy; R_{15} is

$$-x-P < R_{30} R_{31}$$

wherein X is O, CH_2 , CHOH, CHF, CF_2 , or -C

 R_{30} and R_{31} are independently C_1 - C_2 alkoxy,

wherein p and q are integers independently ranging from 1 to 10; R_{29} is H, C_1 - C_{10} alkyl, C_2 - C_{10} alkenyl or C_2 - C_{10} alkynyl;

Docket No.: 198P00944USWO

52. (currently amended) The compound of claim 51 having of the formula:

$$R_{29}$$
 R_{11}
 R_{3}
 R_{11}
 R_{3}
 R_{15}

 R_{12} is O; and X is O, CH₂, CHOH, CHF, CF₂, and $\stackrel{\parallel}{-C}$.

- 53. (previously presented) The compound of claim 23 wherein X is O, CH₂, CHF or CF₂.
- 54. (currently amended) The composition of claim 33 wherein Q is

55. (currently amended) The composition of claim 35 wherein Q is